



CR 25.0™ DIGITIZER

for Computed Radiography

*Small footprint digitizer for
a unique range of clinical
applications*

For a broad range of applications



> **CR 25.0 IS A MULTI-APPLICATION DIGITIZER, BENEFITING FROM THREE DIFFERENT IMAGE RESOLUTION MODES.**

Broad range of applications

CR 25.0 is a highly versatile digitizer. It offers an ideal solution for any decentralized CR environment. CR 25.0 can handle General Radiology, Orthopedics, Dental and Pediatric applications.

CR 25.0 is also a perfect complement to existing centralized CR systems.

Full data

CR 25.0 reads imaging plates at a standard resolution of 6 pixels/mm. 10 pixels/mm high resolution capability is available for all image plate sizes. 20 pixels/mm resolution will be available for dedicated 18 x 24 cm and 24 x 30 cm extremities cassettes and plates.

CR 25.0 DIGITIZER

for Computed Radiography



CR 25.0 can easily be placed at any location, even in combination with the CR User Station.



Integrated CR User Station for time-saving identification and optimized workflow



Small footprint

The small CR 25.0 footprint allows it to be placed easily at any location. Designed with ease of use in mind, it requires only a standard wall-outlet. Together with a universal X-ray shielding, optionally available, the CR 25.0 can be used inside the X-ray room.

In combination with a mobile kit, it is also fit for mobile use (vans, ships, military,...).

Universal CR User Station

Optionally, a fully integrated CR User Station is available.

The CR User Station is suitable for all CR environments:

- Decentralized CR
(Surgery, Intensive Care Unit, Emergency Room,...)
- Personal CR
- In-room CR solutions.

Its modular and ergonomic design includes:

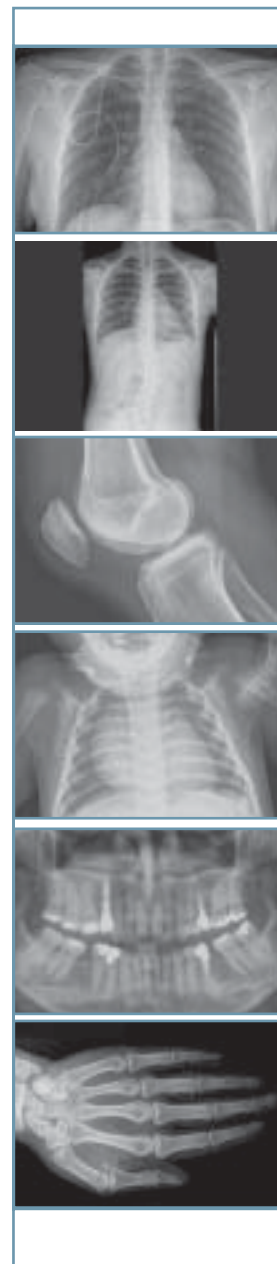
- Cassette identification functions
- Space for:
 - Workstation for image handling, processing and dispatching
 - Monitor, network switches and UPS
 - Cassette storage

An economical way to go digital

CR is compatible with all existing X-ray systems allowing X-ray departments to go digital without significant additional investments and workflow adaptations.

> CASSETTE SIZES

ACCEPTED CASSETTE SIZES	SPATIAL RESOLUTION	PIXEL MATRIX SIZE
Standard resolution		
35 x 43 cm (14 x 17 in)	6 pixels / mm	2320 x 2826
35 x 35 cm (14 x 14 in)	6 pixels / mm	2320 x 2320
High resolution		
35 x 43 cm (14 x 17 in)	10 pixels / mm (option)	3480 x 4240
35 x 35 cm (14 x 14 in)	10 pixels / mm (option)	3480 x 3480
35 x 43 cm (automatic collimation to 21 x 43 cm)	10 pixels / mm	2020 x 4240
24 x 30 cm	10 pixels / mm	2320 x 2920
18 x 24 cm	10 pixels / mm	1720 x 2320
15 x 30 cm	10 pixels / mm	1420 x 2920
8 x 10 in	10 pixels / mm	1950 x 2460
10 x 12 in	10 pixels / mm	2460 x 2970
Extremities		
24 x 30 cm	20 pixels / mm	4760 x 5840
18 x 24 cm	20 pixels / mm	3560 x 4640



> SAFETY

REGION	REGULATION	X-RAY	LASER
Europe	EN 60601-1: 1990 + A1: 1993 + A2: 1995 EN 60601-1-2: 2001	Regulation: 1987	EN 60825 - 1:2001
USA	UL 2601 21CFR part 820: good manufacturing practice for medical devices	DHHS/FDA 21 CFR part 1002, subchapter B	DHHS/FDA 21 CFR parts 1040, 10 and 1040, 11
Canada	CSA22.2 No.601.1 No.601.1.2		

> TECHNICAL SPECIFICATIONS

General

Digitizer type

- Single cassette feed
- Throughput: up to 73 plates/h
(depending on size and application)

LCD display

Machine status and error conditions

Greyscale resolution

- Data acquisition: 12 bits/pixel
- Output to processor: 12 bits/pixel

Dimensions and weight

- (W x D x H): 45 x 75 x 141 cm
(17.7 x 29.5 x 55.5 in)
- Depth at cassette slot: 73 cm (28.7 in)
- Weight: Approx.: 210 kg

Power

- 230 - 240 V/50-60 Hz
Standby 230W, max 1610W, 16A fuse
- 120V/60Hz (USA)
Standby 216W, max 1440W, 15A fuse
- 100V/60Hz (Japan)
Standby 220W, max 1500W, 15A fuse

Environmental conditions

- Temperature: 15 - 30 °C (59 - 86 °F)
- Humidity: 15 - 75% RH
- Magnetic fields: max. 12.60 µT in conformance with EN 61000-4-8: level 3
- Rate of change of temperature: 0.5 °C/minute (0.9 °F)

Environmental effects

- Noise level: max. 65 dB (A)
- Heat dissipation: standby 350 W,
max. 2000 W

Safety

Approvals

TÜV, UL, cUL, CE

Transport details

- Temperature: -25 to +55 °C (-4 to 131 °F),
-25 °C for max. 72 hours, +55 °C for max. 96 hours
- Humidity: 5 - 95% RH



Agfa-Gevaert has been approved by Lloyd's Register Quality Assurance limited to the following Quality Management System Standards: ISO 9001:1994; EN ISO 9001:1994, and ANSI/ASQC Q9001-1994. The Quality Management System is applicable to the development, production and distribution of Agfa Medical Films.

Agfa-Gevaert has been awarded the Approval of Conformity Certificate by Lloyd's Register Quality Assurance. It certifies that the Quality Management System for our X-Ray films conforms to the requirements of Annex V of the EEC Directive 93/42 and Medical Devices Regulation 1994:3017.

Agfa HealthCare has been approved by Lloyd's Register Quality Assurance limited to the following Quality Management System Standards: ISO 9001:1994; EN ISO 9001:1994, and ANSI/ASQC Q9001-1994. The Quality Management System is applicable to: Selling, Servicing, Distribution, and Design of Marketing of Agfa's Product Assortment of Equipment and Sensitive Materials Used in Medical Diagnostic Imaging, Non-destructive Testing, Microfilm and Motion Picture Applications.



Agfa-Gevaert had been awarded the ISO 9001 certificate by TÜV Zertifizierungsgesellschaft e.V. This is applicable to Agfa's Quality Management System for design, production and servicing of Agfa Medical Equipment.

Products distributed in North America are manufactured by/for Agfa Corporation, 10 South Academy St., Greenville, South Carolina 29601.

Agfa, the Agfa rhombus, Point of Knowledge and See More. Do More. are trademarks of Agfa-Gevaert N.V., Belgium or its affiliates. All other trademarks are held by their respective owners and are used in an editorial fashion with no intention of infringement.

The data in this publication are for illustration purposes only and do not necessarily represent standards or specifications which must be met by Agfa. All information contained herein is intended for guidance purposes only, and characteristics of the products described in this publication can be changed at any time without notice. Products may not be available for your local area. Please contact your local sales representative for availability information. Agfa diligently strives to provide as accurate information as possible, but shall not be responsible for any typographical error.

© Copyright 2004 Agfa-Gevaert N.V. All rights reserved.
MI 00762 10/04

Agfa Corporation

HealthCare Headquarters
10 South Academy Street,
Greenville, SC 29601
Tel.: 1-864-421-1600
Fax: 864-421-1622

Canada

Agfa, Inc.
77 Belfield Road,
Etobicoke, M9W 1G6
Tel.: 416-241-1110
Fax: 416-240-7359

Mexico

Agfa de México, S.A. de C.V.
Benjamin Franklin #98,
Colonia Escandon,
C.P. 11800, México, D.F.
Tel.: +52 (55) 5276 7611
Fax: +52 (55) 5515 8719



| see more | do more |